

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. - 20. (Cancelled)

21. (Currently Amended) A fuel cell comprising:

a membrane electrode assembly comprising an electrolyte membrane and a pair of porous electrodes provided on both sides of the electrolyte membrane;

first and second separators sandwiching the membrane electrode assembly, each of the first and second separators being formed to have, on a surface adjacent to the membrane electrode assembly, a gas flow path and a rib defining the gas flow path, wherein, on the first separator and/or on the second separator, a plurality of gas flow paths are formed in parallel with each other to collectively form a gas flow path bundle, wherein the gas flow path bundle is formed in a serpentine shape having a winding portion, and wherein the gas flow path bundle includes, at the winding portion, a bent gas flow path and a bent rib defining the bent gas flow path, wherein the bent gas flow path includes a bend formed by a first straight flow path segment and a second straight flow path segment extending from a downstream end of the first straight flow path segment, and the bent rib includes a part defining the bend; and

a plurality of projections for pressing [[the]] a porous electrode, each located on the part of the bent rib defining the bend, at a position on an extension line of the first straight flow path segment forming the bend, of the gas flow path bundle of the first and/or second separators, wherein the projections have a length substantially equal to a sum of a width of the first straight flow path segment and widths of ribs defining the first straight flow path segment on both sides thereof, while the projections differ in a height and/or a width thereof.

22. (Previously Presently) The fuel cell according to claim 21, wherein only heights of the plurality of projections are different from each other.

23. (Previously Presently) The fuel cell according to claim 21, wherein only widths of the plurality of projections are different from each other.

24. (Previously Presently) The fuel cell according to claim 21, wherein heights and widths of the plurality of projections are different from each other.

25. (Previously Presented) The fuel cell according to claim 21, wherein the plurality of projections are located on the bent rib in parallel with each other along the bent rib.

26. (Previously Presented) The fuel cell according to claim 21, wherein the plurality of projections are arranged consecutively along the bent rib.

27. (Cancelled)

28. (Currently Amended) A fuel cell comprising:  
a membrane electrode assembly comprising an electrolyte membrane and a pair of porous electrodes provided on both sides of the electrolyte membrane;  
first and second separators sandwiching the membrane electrode assembly, each of the first and second separators being formed to have, on a surface adjacent to the membrane electrode assembly, a gas flow path and a rib defining the gas flow path, wherein, on the first separator and/or on the second separator, a plurality of gas flow paths are formed in parallel with each other to collectively form a gas flow path bundle, wherein the gas flow path bundle is formed in a serpentine shape having a winding portion, and wherein the gas flow path bundle includes, at the winding portion, a bent gas flow path and a bent rib defining the bent gas flow path, **wherein the bent gas flow path includes a bend formed by a first straight flow path segment and a second straight flow path segment extending from a**

downstream end of the first straight flow path segment, and the bent rib includes a part defining the bend; and

a projection for pressing [[the]] a porous electrode, located on the part of the bent rib defining the bend, at a position on an extension line of the first straight flow path segment forming the bend, of the gas flow path bundle of the first and/or second separators, wherein the projection has a length substantially equal to a sum of a width of the first straight flow path segment and widths of ribs defining the first straight flow path segment on both sides thereof, while a height and/or a width of the projection continuously changes along the part of the bent rib defining the bend.

29. (Previously Presented) The fuel cell according to claim 28, wherein only the width of the projection is continuously changed.

30. (Previously Presented) The fuel cell according to claim 28, wherein only the height of the projection is continuously changed.

31. (Previously Presented) The fuel cell according to claim 28, wherein the projection is located on a bent rib of an anode side separator or a cathode side separator, or on bent ribs of anode and cathode side separators.

32. (Currently Amended) A fuel cell comprising:

a membrane electrode assembly comprising an electrolyte membrane and a pair of porous electrodes provided on both sides of the electrolyte membrane;

first and second separators sandwiching the membrane electrode assembly, each of the first and second separators being formed to have, on a surface adjacent to the membrane electrode assembly, a gas flow path and a rib defining the gas flow path, wherein a pair of

interdigitated flow paths are formed on the first separator and/or on the second separator, wherein each of the interdigitated flow paths includes a main flow path and a plurality of branch flow paths branched from the main flow path, and wherein the branch flow paths of the pair of the interdigitated flow paths are arranged alternately along a longitudinal direction of the main flow path, and wherein each branch flow path includes a straight flow path segment having a terminal end at a downstream end thereof, and the rib includes a part defining the terminal end; and

a plurality of projections for pressing [[the]] a porous electrode, each located on the part of the rib defining the terminal end, at a position on an extension line of the straight flow path segment having the terminal end, and positioned at an end of one of the branch flow paths of the first separator and/or the second separator, wherein the projections have a length substantially equal to a sum of a width of the first straight flow path segment and widths of ribs defining the first straight flow path segment on both sides thereof, while the projections differ in a height and/or a width thereof.

33. (Previously Presented) The fuel cell according to claim 32, wherein only the heights of the plurality of projections are different from each other.

34. (Previously Presented) The fuel cell according to claim 32, wherein only the widths of the plurality of projections are different from each other.

35. (Previously Presented) The fuel cell according to claim 32, wherein the heights and widths of the plurality of projections are different from each other.

36. (Previously Presented) The fuel cell according to claim 32, wherein the plurality of projections are located on the rib in parallel with each other along a longitudinal direction of the rib.

37. (Previously Presented) The fuel cell according to claim 32, wherein the plurality of projections are arranged consecutively along a longitudinal direction of the rib.

38. (Currently Amended) A fuel cell comprising:

a membrane electrode assembly comprising an electrolyte membrane and a pair of porous electrodes provided on both sides of the electrolyte membrane;

first and second separators sandwiching the membrane electrode assembly, each of the first and second separators being formed to have, on its surface adjacent to the membrane electrode assembly, a gas flow path and a rib defining the gas flow path, wherein a pair of interdigitated flow paths are formed on the first separator and/or on the second separator, wherein each of the interdigitated flow paths includes a main flow path and a plurality of branch flow paths branched from the main flow path, and wherein the branch flow paths of the pair of the interdigitated flow paths are arranged alternately along a longitudinal direction of the main flow path, and wherein each branch flow path includes a straight flow path segment having a terminal end at a downstream end thereof, and the rib includes a part defining the terminal end; and

a projection for pressing [[the]] a porous electrode, located on the part of the rib defining the terminal end, at a position on an extension line of the straight flow path segment with the terminal end, and positioned at an end of one of the branch flow paths of the first separator and/or the second separator, wherein the projection has a length substantially equal to a sum of a width of the straight flow path segment and widths of

**ribs defining the straight flow path segment on both sides thereof, while** a height and/or a width of the projection continuously changes along **the longitudinal direction of the part of** the rib **defining the terminal end.**

39. (Previously Presented) The fuel cell according to claim 38, wherein  
only the width of the projection is continuously changed.

40. (Previously Presented) The fuel cell according to claim 38, wherein  
only the height of the projection is continuously changed.

41. (Previously Presented) The fuel cell according to claim 38, wherein  
the projection is located on a rib of an anode side separator or a cathode side  
separator, or on ribs of anode and cathode side separators.